REPUBLIC OF THE PHILIPPINES
Office of the President

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SUPPLEMENTAL BID BULLETIN
ADDENDUM NO. 2

03 October 2017

REF: Bidding of One (1) Lot Wide Area Network (WAN)

The Bids and Awards Committee (BAC) hereby issues this Supplemental Bid Bulletin or Addendum No. 2 to inform the prospective Bidders of the following matters:

1. Announce the Revised Schedule of Activities as follows:

ACTIVITY	DATE / TIME	VENUE
Submission of Bids	October 17, 2017, Tuesday / 9:00 am	BAC Room, 3/F Conservatory Bldg., Shaw Blvd., Mandaluyong City
Opening of Bids	October 17, 2017, Tuesday / 9:30 am	

2. Response to the queries raised during the Pre-Bid Conference, as follows:

Company Name	Question	Answer
NERA Phils., Inc.	1. TS # 27: 1.44 TBps should be for each device or for cluster (devices)???	1. 1.44 TBps for each device
	2. Tech Spec # 30: line-rate – or equivalent, i.e. wire-rate.	2. Wire-rate or line-rate, same definition
	3. For ADC w/ WAF – can we offer two separate appliances?	3. No, you cannot offer separate appliances for ADC and WAF. PCSO requirement is single appliance.
	4. Tech Spec # 240: Existing brand of Firewall?	4. Our existing firewall is SonicWall.

Remax Int'l.	1. LLDP-MED – is this necessary? The switch will be used as a core switch, hence, LLDP is only needed. LLDP-MED is used to collect information of end devices this is applicable for switch access	1. Yes. LLDP-MED is necessary, PCSO requirement is top-of-rack switch.
	2. Can the LLDP be taken out? IT LEADS TO SPECIFIC BRAND OF ITS COMPLIANCE	2. No, we cannot take out LLDP. LLDP is an open standard and supported by various switch provider.
Lone Resources Inc.	1. TS # 23, pp 76, will you be accepting VMWARE VSPHERE?	1. The specification states that, "Shall support MS Hyper-V 2012 R2 and VMWare ESXi hypervisor", since ESXi is part of the VMWARE VSPHERE suite. Thus, we will be accepting VMWARE VSPHERE.
	2. Tech Spec # 56: Re VRRP, can we use different brand or generalize? We have a different name and product for this which is also compatible with the spec. Note: 2 item listed above we have different name of the product but compatible to the specs of the TOR and spec is based on certain brand.	2. Yes, they may propose their product that is compliant as required in the technical specification. VRRP is a computer network protocol which is an open standard and supported by various switch provider. VRRP is not a brand, it is an open standard and supported by various switch provider.

	But we can comply with the product we have and carry.	
AMTI	1. For the references example user guides, can we print the first page of the document then print the necessary page that pertains the requirement not the whole user guide and technical brochure?	1. Yes, you may print the title page and the necessary page that pertains to the requirements, provided that you shall also submit the full soft copy of the user guide/technical brochure/reference document in a CD or Flash Drive.
Trends and Technologies, Inc.	Management Switch 1. Is the 802.3ac mandatory, can we consider removing this? (# 101 on page 85 Bid Docs)? The 802.3ac extend frame size to 1522 bytes back in 1998 to allow Q-Tag. The switches now allow Jumbo frames allows 9000 bytes and support Q-Tag (802.1Q and 802.1p). 2. Can we consider Jumbo frames minimum of at least 9000 bytes instead of specific value of 9216 bytes (#108 page 86 of Bid Docs)? The standard Jumbo	1. No, we cannot remove it, however, you can use other standard that supports Q-Tag (802.1Q and 802.1p). 2. Yes, we will consider minimum Jumbo frames of 9000 bytes. We will amend TS #108 "Jumbo Frames (up to 9216 bytes" with "Jumbo Frames (minimum of 9000 bytes)".

	Frames can carry up to 9000 bytes. **Top of Rack**	
	1. As per #31 page 77, "Support Virtualization technology where 2 chassis can be logically grouped in single domain", but in #33 you require stacking up to 6? Is the stack of 6 mandatory?	1. Yes, we require 6 units stacks system as a capability of the Top-of-Rack switches because we may consider installing additional switches in the future.
	2. Our manufacturer provided us with latency information of below 1 microsec(1 microsec=1000 nano sec.). Can we consider this for the requirements of 600 nanoseconds or less (#34 page 78)?	2. For us to consider, you have to verify with your manufacturer the exact latency that it should not be more than 600 nanoseconds. We are maintaining our stand that switching latency shall not be more than 600 nanoseconds.
	3. Can we consider Jumbo frames minimum of at least 9000 bytes instead of specific value of 12,000 bytes (#48 page 79 Bid Docs)? The standard Jumbo frames can carry up to 9000 bytes.	3. Yes, we will consider minimum Jumbo frames of 9000 bytes. We will amend TS #48 "Supports Jumbo Frames up to 12000 bytes" with "Supports Jumbo Frames minimum of 9000 bytes".

	4. Are you going to connect IP phones to your Top of Rack switch? If not, can we considering removing of LLDP-MED to the requirements (#49 page 79 Bid docs)? LLDP for Media Endpoint Devices (LLDP-MED) is an extension to LLDP that operates between endpoint devices such as IP phones and network devices such as switches. It specifically provides support for voice over IP (VoIP) applications and provides additional TLVs for capabilities discovery, network policy, Power over Ethernet, and inventory management.	4. Yes, we are going to connect IP phones in the future. Thus, we require LLDP-MED.
	5. Is it mandatory to have min. of 500 VRRP as per your design (#56 page 80)?	5. Yes, it is mandatory to have a minimum of 500 VRRP for our Top-of-Rack switch.
	6. Is it mandatory to use the Top of Rack switches as DHCP Server or will they have a separate DHCP server as best practice? If they have a separate DHCP server, can we consider removing the DHCP server	6. It is stated in the Technical Specification that the Top-of-Rack switches shall support DHCP server functions. We might use the TOR switches as DHCP server in the future, hence, we are maintaining our stand that it shall support

	functionality for Top of Rack(#61 page 81)?	DHCP server functionality.
	Firewall 1. Is 500 mbs Throughput amenable? **Access Point** 1. May we know what is the Clearpass version 2. Existing Model 3. Including license 4. Where to deploy 5. Will the new AP will integrate to the existing controller?	1. No, we cannot amend the specification for firewall throughput. 1. Clearpass Version 6.6.4 2. Dell W-AP225 3. Controller: 35 licenses 4. PCSO branches and Satellite Offices 5. No, the supplier shall provide another wireless controller.
Secur Links Network and Technologies, Inc.	On Item No. 165 of page 93 Under Section VII Technical Specification of the Bidding Documents, here as follow: "Must come with at least 400GB Solid State HDD" The other brand of appliance based Application Delivery Controller require this kind	1. No, we will not consider SATA HDD. We shall maintain our specification of 400GB Solid State HDD, because, SSD provides better access time, reliable (no moving parts), uses less power, generates less noise, generates less heats and it is not affected by magnetism.

	feature in order to boost their performance. However, our own brand use Blue Type of SATA Hard Disk and it does not require a Solid State HDD to boost the performance because of its overall architecture: software and hardware is designed for high speed performance.	

3. Amendment of the following Technical Specifications:

    1.   No. 48 - Jumbo Frames minimum of 9000 bytes; and
    2.   No. 108 - Jumbo Frames minimum of 9000 bytes

ALL OTHER MATTERS NOT INCLUDED IN THIS ADDENDUM ARE HEREBY MAINTAINED BY THIS COMMITTEE.

For the information and guidance of all concerned.

LARRY R. CEDRO
BAC Chairman